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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 110108.01		APPLICATION NO. Rule 53(b) Divisional of Application No. 09/904,875	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT(S) Takamitsu ASANUMA et al.			
				FILING DATE April 22, 2004		PRIOR GROUP 3748	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
TMN		5,100,632	03-31-1992	Dettling et al.			
		4,902,487	02-20-1990	Cooper et al.			
		6,588,204	7/8/2003	HIROTA et al.			
		6,568,178	5/27/2003	HIROTA et al.			
TMN		09/979,643	11/26/2001	NAKATANI et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN		JP 7-106290 B2	11-15-1995	Japan			
		JP 3012249 B2	12-10-1999	Japan			
		JP 2000-18026 A	01-18-2000	Japan			
		JP 9-94434 A	04-08-1997	Japan			
		JP 6-159037 A	06-07-1994	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER				DATE CONSIDERED			
Tu M. Nguyen				6/12/05			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN		JP 6-272541 A	09-27-1994	Japan			
		JP 11-300165 A	11-02-1999	Japan			
		59-30507	2/25/84	JAPAN			
		WO 00/42302	7/20/00	WIPO			
		EP 0 984 142 A1	8/3/00	EUROPEAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN		04031614 A	3/2/92	JAPAN			
		07180536 A	7/18/95	JAPAN			
		60-235620	11/22/85	JAPAN			
		05354427 (abstract)	7/28/95	JAPAN			
		02070389 (abstract)	12/3/91	JAPAN			
		55050255 (abstract)	11/18/81	JAPAN			
		03344731 (abstract)	7/20/93	JAPAN			
		5-98932	4/20/93	JAPAN			
		61-28709	8/2/86	JAPAN			
		58-137423	8/15/83	JAPAN			
		11-336534	12/7/99	JAPAN			
		10-306717	11/17/98	JAPAN			
		10-220218	8/18/98	JAPAN			
		8-338229	12/24/96	JAPAN			
		7-189656	7/28/95	JAPAN			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER  Tu M. Nguyen				DATE CONSIDERED 6/12/05			
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
TMN		7-119444	5/1995	Japan (w/Abstract & English- translation)			
TMN		4-129829	4/1992	Japan (w/Abstract only)			
TMN		63-100218	5/1988	Japan (w/Abstract only)			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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